The Milwaukee Radio Amateurs' Club, Inc.

The World's Oldest Continuously Active Radio Amateur Club

JUNE 1970 NUMBER TWENTY

HAMATEUR CHATTER STAFF

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President	Dick Oberholtzer	W9ZPV	782-9158
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Treasurer	Charles Dawson	W9CUW	352-9285
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Board Members: Travis Baird, W9VQD (Chairman); Carl Rohde, W9ROM; Jim Ott, W9LCD; Harold Engelke, K9CMX; Lloyd Wantland, WA9JKD; Jack McLeland, W9ATK; Chester Sakura, W9CTI.

EDITOR RECEIVES AWARD

At the last MRAC meeting, the editor of these columns was the recipient of an award "For Editorial Excellence." The Chairman of the Board Travis, W9VQD made the presentation in recognition of super reporting and unstinting effort (hard work).

The award was a chrome-plated double contact telegraph key enclosed in a GI green aluminum box. It is serially numbered 173 and has the stamp of approval by His Majesty's Imperial Navy that was "liberated" from Clark Field in the Philippines during WW2. The editor's ancestors would be pleased to know the final disposition of this handsome trophy. An interesting side-light is that while the editor was air-spying during WW2 (monitoring Radio Tokyo, etc.) an honorable cousin may have been sending the same messages with this same key! What a fantastic thought--stranger things have happened!

The editor accepts this momento with thanks and with help from our readers, will continue reporting your ham activities (see editorial).

WX9BAR MEETING PLACE

MRAC has had a "second meeting place" for some time. It seems that after the regular meeting, some of the gang congregate at Elsie and George's at 23rd and State. It also seems that this has been going some 22 years or so. In-as-much as Elsie and George is involved with the hams, it seems quite apropo that they should be identified as an honorary "Ham Station" (more like a filling station) and therefore has been UNOFFICIALLY designated the call letters "WX9BAR."

NOTICE TO ALL CLUB MEMBERS

All those having club property, please list them with Walt Glish, W9YYW or Travis Baird, W9VQD. It is important that all the inventory be completed. Please do this as soon as possible.

Dick, W9ZPV

NEWS AND VIEWS OF THE PRESIDENT

Last week's weather-watch was one of the times that I wish I could have been home. The importance of this program cannot be over emphasized. The safety of your own family as well as your neighbors is involved. I have wondered why I was in the program when there are so many of you here in Milwaukee area that are also participating. How can I help when there are seemingly enough of you doing "your thing" which you are capable of doing. Second, when reporting is adequate, listening to other parts of the bands will give you conditions of weather from fellows that are not in the program that could help plot the storms.

The weather bureau has a lot of facilities to do the job but in the case of severe weather, these facilities can become jammed and they need all the help they can get. "Don't forget, it's for our safety as well as the safety of others." Our weather men are good, but there are many changes that occur from one report to another because some of these changes are not predictable. This is where you can serve, plus you can get the information first.

There is only one criticism I have for the local set-up and that is the use of a MARS program that puts part of the program in the hands of a select few. MARS people should participate and use their frequencies but not feed the principal source via only their mode. 147 MHz and 148 MHz is wide open and the only requirement is a general license which is available to all and not to those who have chosen a particular MARS affiliation. There is also an established RTTY frequency in the area that is not being used except by a few.

Amateur radio is my hobby and I am glad to be called a "ham." That is why I would like the activities of amateurs stay within our frequencies. 73.

Dick Oberholtzer, W9ZPV

HAM'CHATTER SURVEY

Name.... .... Call.. ... ... License ....

Active in c.w. on_____MHz - HOME-BREW PROJECTS (Radio only, HI)

a.m. " _____ " Past _____

ssb " _____ " In work _____

fm " _____ " May get to _____

vhf " _____ " _____

RTTY " _____ " NEED HELP TO: _____

PLEASE LIST EMERGENCY NETS _____

OTHER NETS _____

COMMENTS & SUGGESTIONS _____

_____

SEND SURVEY TO: C/O EDITOR (SEE ADDRESS OTHER SIDE). EVERYBODY GETS A PRIZE FOR ANSWERING

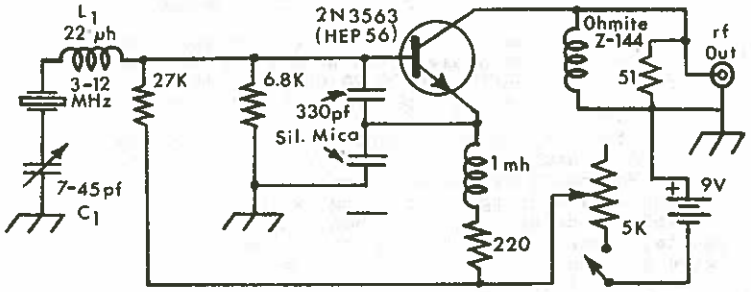
CONSTRUCTION CORNER

W9ROM now is running a kilowatt on 2-meter FM. The repeater is louder than ever.

K9CAN will have a 100' tower installed sometime in June. QRX for antenna raising party.

W9ZQK is building a 42 foot crankup-tilt-over tower.

"PEAKER TWEEKER"



A recent FM magazine described this handy crystal controlled signal generator. The gadget is easy to build, fits nicely in a small minibox, and is always ready to provide a clean stable signal to tweak your VHF or UHF rig for maximum sensitivity.

Inductor L_1 doubles the VXO action of C_1 allowing a single crystal to cover several adjacent channels. The rf output is a series of very fast pulses at the frequency of the crystal. Such a waveform is very rich in harmonics, so regular transmitting crystals in the range of 3 to 12 Mhz will provide stable harmonics well past the 2-meter band.

We use our 2-meter transmit crystal, adjust C_1 for a signal on the net frequency, and find this just the ticket for making an easy check on all the receiver adjustments.

Ray Weeks, WA9JOV

OPEN HOUSE

Our open house program has had poor to excellent attendance. The first one at Wally's, W9YYW was well attended with about a dozen hams and students of a radio class. The next two, at Wally's, K9FQV and Pres. Dick's, W9ZPV had only two visitors each. They had a FB eyeball QSO, though. A good turnout was at John's, W9GIL. About ten showed up and enjoyed DX talk and seeing a fine ham shack first hand. The last one at WITI transmitter brought out over thirty. Bruce, K9ISI conducted a FB tour of a "shack" slightly different than the average ham's! Refreshments were served by comely hostess Cheryl Seefeld. We would like comments on our Open House program and suggestions on how to expand it.

CHATTER CHATTER CHATTER

It pays to advertise! Sus, WB9BGJ sold his rig to a novice in Minn. It seems that Sus' daily sked Fred, WBØWWI showed a copy of Ham'-Chatter to a friend and he noticed the ad.

Our newest novice but one of our eldest members, Gus Marx, WN9DJF (ex-9SW 1912) was helped to get back on the air by several hams. Jake, WA9SYN helped him wire a Heath Kit transmitter, Ray, WA9JOV designed and wired a 40-meter antenna and Chet, W9CTI crawled and installed it in Gus' attic. Latest report is that Gus is having a great time working DX (that's anyone out of his back yard, he sez!).

Russ, our assistant editor, finally made it again and sports the new call WN9ECP. He's also homebrewing a transmitter from parts of a TV chassis and Ozaukee auction.

Lynn Lewis, W9UH/4 is moving to Clearwater, Fla. Watch for him on 10, 15 or 20 meters, gang.

Ted, W9NHE is moving to a new QTH. He bought a house "with a nice space for a ham shack," he sez.

Earl Hardtke, WB4LOB ex-WA9RDO has moved to St Pete, Fla. and writes, "Sure enjoy receiving "Ham'Chatter" and would like to continue receiving it."

ERRATUM--Picture No. 216.60 in the last issue was inadvertently mis-labeled. It should be "Present Officers, Past Presidents and youngest ham." 8x10 prints of the four pictures are available at $1 each. Send order to Chas. Dawson, W9CUW. Address on picture page.

EDITOR'S CORNER

Being the editor of these columns allowed much editorial license (see first page) but the fact remains, we need more news. As a neophyte mini-newspaper editor, I've learnt a few things: first, it's a lot of work (which I don't mind) and second, news is hard to come by (which I do mind). Many clubs exchange their fine papers with us which is boiled down for general interest These amounted to most of our sources of news. Very few individuals offered contributions of general interest, band activities, construction and chatter (gossip). Sooooo--this fearless editor has come up with a plan of surveying our member-activity (copied from the Yellow Thunder Smoke Signals) and thru this method, extract a few more reporters in specific areas. Therefore fellows, fill out the survey form in this issue and give or mail to the editor. Let's make this paper of YOU, for YOU and BY YOU-- BY GOLLY!!

Chet, W9CTI Editor

TO ALL MEMBERS OF THE MRAC:

I enjoyed reading about your club in the March issue of QST. I will be a freshman at Milwaukee School of Engineering next fall, and I hope to make it to some of your meetings.

I am the net manager of Wisconsin's CW traffic net (Wis. Intrastate Net) WIN. Presently, we have only one Milw. area station, W9HI. Ern does a good job of checking in, but he can't make it every time. Seems like when he isn't on, there is always traffic for Milw. So we need more than one guy from Milw. During these next couple of months, activity will drop off, but there still will be a need for stations in Milw.

I am sure that there are many CW men in your club. I am sure that they would like handling traffic, if they tried. Most likely, many of your old timers would renew numerous old friendships on WIN, as we also have many old timers. In my opinion, traffic (CW) men are the worst group of hams to chew the rag with during the net. BUT, they are the best in the world, after the net is over. Looking for code practice? Get in a QSO with one of the WIN members. We have fists better than W1AW, and can copy anything!! We are a close knit group, and welcome anyone who wants to join one of the most challenging and rewarding activities in Ham Radio. (especially Milwaukee area stations)

WIN - 3662kc. 7:15 P.M. (0015z) Daily
****

For all of you that are not the best on CW, the slow speed net meets on 3780 Monday, Wednesday, and Friday, and provides good training for preparation to check into WIN.

WSSN - 3780kc. 6:30 P.M. (2330z) Mon-Wed-Fri.
****

Steve Loomis WA9TXN/RM-WIN
1706 Hoover Ave.
Eau Claire, Wisconsin 54701

NEW LIFE MEMBERS

JAMES K. DOUGLAS	W9DR
GEORGE A. GREESON	W9KLK
FRED A. KRAUSE	W9VLK
EUGENE A. WILLE	KH6EVX
ELDEN J. BELANGER	W9MDG
LEO P. DEVINE	W9AEV
KENNETH W. EGGERT	W9MOT
GILDEA HUTCHINSON	W9FTY
DOUGLAS A. PAVEK	W9FDX
ROBERT G. TURNER	W9GKT
JOSEPH R. HARKNESS	W9GZR
RAYMOND A. THOMPSON	W9IRZ
FRANK K. SCHLACTELY	W9IFS
FRANK J. SEBOTH	W9NLY

NEW MEMBERS

GERALD KRACZEK, K9HXA
2721 E. Armour Avenue, Cudahy, 53207
A. J. (BUD) SABEL, KH6LHP
609 Gorgas Road, Schofield Barracks, Hawaii, 96557
HERMAN GROSS, W9ITT
1408 West End Road, Waukesha, 53186
WELLS WAIT, WA9MLL
2943 North Stowell, Milwaukee, 53211
THOMAS WAIT
2943 North Stowell, Milwaukee, 53211
RUSS BURLINGAME
6045 West Leon Terrace, Milwaukee, 53218

MORE CHATTER

The following took in the Dayton Hamvention on April 25th: K9ZYS, W9ATK, W9VQD, W9CWI, W9MDG, W9WYJ, W9GIL, K9CAN, W9ROM, and K9JGT

MORE NEW MEMBERS

Bruce R. Weitermann, K9ISI
4549 No. 38th Street, 53209
Gordon H. Weiler, W9ZQK
4843 No. 90th Street, 53225
Howard Traxler, WA9RYF
2245 No. 39th Street, 53208
Robert J. Ross, K9GKE
902 Harding, Waukesha, 53186
Dohrman W. Mc Millin, W9CUJ
2434 No. 84th Street, 53226
Dennis A. Brechlin, K9MKC
1420 Delafield St., Waukesha, 53186
Gary Stein, W9LUE
21795 Mayrose Blvd., Brookfield, 53005
Fred L. Brethaur, WB9AJL
845 Post Road, Brookfield, 53005
Richard G. Robbins, Jr., WB9AIS
3959 No. Harcourt Place, 53211
Dave P. Behringer, No call yet
1296 Hiway C, Grafton, 53024

PICNIC PICNIC (2 of 'em)

Mark these dates on your calendar. MRAC picnic will be held on Sunday, Aug. 16th at Area 4 in Kletzsch Park. This area is at the north end of the park just east of the Green Tree entrance. When you come to the fork in the road, take the left one unless you want to go to the rest-rooms! Come early, stay late--games, prizes and beverages.

The Wisconsin Amateur Radio Picnic, sponsored by the Wisconsin Nets association, will be held Sunday, July 12th at Ochsner Park, Baraboo. Registration $1.50 for singles and $2.50 for families. Talk-in freqs 3985 KHz and 146.94 on FM. The location is the west end of Baraboo on 8th. Avenue, which is also Highway 33--look for signs. MRAC should send a delegation to have some fun too. Let's make a caravan--contact the Editor and make plans.

WANT AD

Wanted--a general coverage communication type receiver. Louis O'Brien, 933-8599

The editor acquired a brand new (to him) second hand Collins 75A4 and wants to retire his faithful Hammarlund HQ 170-A, w/clock and 6-meters, to some one elses shack. Try dickering for it around $150. Less to genuine Novice. Chet, W9CTI, 461-4770

AREC & RED CROSS ACTIVITIES

There was participation in Loyalty Day and Armed Forces Day Parades and Hartford simulated attack but no report has been received by this paper.

The Red Cross Net helped coordinate the Hunger March on May 23rd. Four vehicles using 47 MHz Red Cross freq was used. Those operating were K9KJT, W9ATK, W9ZBM, WA9KRF, WA9VET, K9FQV, W9YYW with K9RCP directing the operation. It's reported that his XYL rode "shot-gun" with him.

SUNSHINE CORNER

Received a note from C.M. Prinslow, ex-90V saying he had eye surgery. We wish you a quick recovery, Cornelius! (Ed's note: we had planned an impromptu picnic at his farm but will be next yr)

Clarence Crapo is in the Glendale Nursing Home at 6925 N. Pt. Wash. Rd. He would be glad to have visitors, hours from 11 to 8. We wish you well too!

SHORT SKIP FROM OTHER CLUBS AND ORGANIZATIONS

FEEDBACK OZAUZEE

Nets on 146.55 MHz daily and 3940 KHz Sunday 1 PM.

All the tightwads for miles around attended the spring auction. Many goodies and little cash changed hands. The out-of-the-county crowd couldn't have done better if they brought guns and masks. Faus, WA9GDA engineered two surplus deals, one "junque" and one just plain "junk." The "junque" deal was financed by the club and resulted in a wide distribution of goodies to the members. The "junk" is now clogging up at leasst one basement. Anybody who can use some HY 1269s should get in touch with Jeff, WA9YEM....but hurry....Jeff didn't read the rules too closely and made a slight boo-boo on an FCC Form 610 so he will probably be in Leavenworth soon! Jim, WA9DOT, after soaring to near Olympian heights on two-meters (41 states worked) is now slumming on 146.55. The linear that Hal, W9RXJ stole at the MRAC auction has been completely rebuilt and will be snorting soon. Bill, W9VLL is working on a TV camera which could turn out to be a lifetime project. Danny, WA9RPB is determined to get on 432, and has a barrel of burned out fuses to prove it! Too late to publicize and too early to report is (or was) the xmtr hunt May 17th.

Ed Bach WA9BMA

MATC ARC MILWAUKEE AREA TECHNICAL COLLEGE

The radio club is a relatively new organization and had its first meeting Feb. 6, 1970. The goals are: to establish a means of getting electronic students and other college students acquainted with amateur radio; to provide a melting pot for ideas on the state of the art; to serve as a social function for the amateurs at the college. The meetings are on the 2nd Friday of each normal school month. They are held at the Channel 36 lab. Officers of the club are:

Moderator	Stan Nawrocki W9HHF
President	John Czaja WA9OIF
Vice-Pres.	Frank Berberich WA9OLO
Secretary	Melvin Jozwiak
Treasurer	James Esche

SMOKE SIGNALS BARABOO

The Yellow Thunder Amateur Radio Club is being affiliated with ARRL. Division Director Phil Haller, W9HPG will present the Certificate of Affiliation at the Wisconsin Amateur Radio picnic. This picnic is sponsored by the Wisconsin Nets Association, Sunday July 12th at Ochsner Park in Baraboo. KOPKQ chairman, W9ELK, K9YHO and Tom Hamer WN9ECN are on the committee.

The Club will again enter Field Day competition under Gen. Chairman Ken Ebneter, W9GSC. A novice position may be set up as there are 15 novices in the Club. This being the result of a Novice class sponsored by the Club. With that many novices, a General Class program may be instituted.

Pres. Harv Hamer, K9YHO deplores the lack of communication (no pun intended) and suggests a club frequency for round table, rag chewing etc. A survey is being made to expedite this net. Of interest to all hams in the state is the plans for a Hamfest next May. Don, K9JYX is doing the background work and is to be held at The Dells. Don also gave a report on the trials and tribulations of operating a ham station on the Circus train. Club members will again participate in the Circus Train movement. They will join in with the Milwaukee AREC as they did last year.

Jim Romelfanger, K9PKQ

SO. MILWAUKEE AMATEUR R.C.

This newly organized Ham Club is starting out with a BANG! They are presenting their SWAP-FEST on Saturday, July 18th. Try finding Shepard Park by taking I-94 to Ryan Road (Hy 100) and go east 1.7 miles to Shepard Avenue then north .4 miles to Shepard Park. Admission: $1.00 per car load. For more information write: SMARC 2801 9th Ave., So. Milwaukee, Wis., 53172. Swap 'n Shop or Steal 'n Trade 'n beware of the Oak Creek Bandit! This is his stamping grounds.

W9HHX MSOE

Phone patching is one of the services offered to those in contact with MSOE. In summer of 1969, the station was instrumental in aiding Dr. Arthur E. Angove make arrangements in his voluntary service program to So. America. When overseas telephone and mail did not bring results, this station was requested by MSOE President Werwath to provide communication to Bolivia. Three phone patches were completed and the party left Milwaukee just a week later knowing what to take and what to expect. Since Dr. Angove's departure, W9HHX has been in contact with his group of fifteen volunteers in Central and So. America.

Other patches include, besides routine family contacts, aid to a Bolivian missionary in ordering aircraft parts, urgent medical call warning returning travelers returning from Mexico of exposure to scarlet fever and service to the marine scientific research ship "Oceanographer" in contacting Seattle to air in repair of some vital equipment.

New Officers are:

President	Kenn Anderson, WA9VIG
Vice-Pres.	Floyd Thompson, WA9FHP
Secretary	Ted Carlson
Treasurer	John Aegerter, WA9GAR
	Kenn Anderson, WA9VIG

BEAR FACTS BELL EMPLOYEES

Story of the BEARS (continued): By summer 1961, the BEARS was pretty well crystallized as to organization and purpose. On June 6th, Jake Gruel, Bob Patterson, Charley Dawson, Fred Eltzsch, Jim Humphrey, Bill Brandes and Glenn Mattes met to adopt a proposed Preamble, Constitution and Bylaws. Jake volunteered to chair and Glenn was secretary protem until election time. By September there were 15 charter members and the BEARS was no longer a dream but a stark reality! At the Oct. 3rd election, the first officers were: Pres. Jake Gruel, Sec. Glenn Mattes and Treas. Bob Turner. Charter members are:

Al Belanger	W9MDG	Ralph Boswell	W9YGY
Bill Brandes	K9PYT	Chas. Dawson	W9CUW
Fred Eltzsch	W9QMD	Walt Fitting	W9OI
Bob Glamm	W9UGN	Jake Gruel	K9MWF
Rom. Hudzinski	W9JPS	Jim Humphrey	W9VAJ
Jerry Jensen	K9PWD	Glenn Mattes	K9QHS
Bob Patterson	W9QNL	Bob Turner	W9GKT
Terry Jurek		*Bill Cash	W9CIU

*First out-of-towner joined election night.

The final chapter of the BEAR Story will be published next issue. (Not really, for it goes on and on and on.....)

Glenn Mattes, K9QHS

HAMTRIX WEST ALLIS

Field Day planning is progressing smoothly under Chairman Ron Gorski, W9KYZ. Special meetings are being held to get everyone on the ball in operating procedures for facilitating speedier contacts. SSB positions have been well filled with volunteers but there is need for more CW ops.

Club officials have recently been pursuing the acquisition of new test equipment to replace the old gear. Some very fine equipment has been obtained, among them some fine makes as Hewlett-Packard scope and AF generator, Hickok RF signal generator, AF signal generator and portable scope. Other equipment include two regulated B-supplies, 0-30 v powersupply, decade box and VOM. Only qualified personnel will be allowed to use the equipment and cannot be removed from the ham shack. Instructions will be given to those wishing to qualify in operating this equipment.

The Ranger Xmtr raffle was won by John Czaja, WA9OIF. Being in a three-ham (maybe four) family, it's a family affair who gets to use it first! The reporter of this column wants information on use of IC's. (try our Helping Hand column--ed)

Lynn Tamblyn, WA9KRF

RACINE

Two members are on their way to their novice licenses. Tom Doligalski and Ron Gulbranson are awaiting their tickets. March 8th coverage of the road rally was quite a success. Scores from 11 out of the 12 checkpoints were posted at the finish line before all the cars were in. Computing the final scores was then a much quicker job, thanks to work of Club members participating.

Lane Gehrig WA9WEZ